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(54) Title: METHOD OF IDENTIFYING GENES INVOLVED IN CELL GROWTH REGULATION

(57) Abstract: A method is provided for identifying in eukaryotes nucleic acid sequences that are involved in or suspected of being involved in cell growth regulation comprising mutagenising wild type plants or plants genetically modified to have accelerated tissue growth and selecting mutants having relative to the background and altered phenotype, followed by identifying the mutated gene and using said gene for identifying in a eukaryotic organism including a human a sequence involved in cell growth regulation e.g. tumour suppressors.

INTERNATIONAL SEARCH REPORT

Inte. Application No

PCT/DK 03/00504

A. CLASSIFICATION OF SUBJECT MATTER			
IPC 7	C12Q1/68	C12N15/82	A01H1/06
			A01H3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 30402 A (TAO WUFAN ;UNIV YALE (US); XU TIAN (US); ZHANG SHENG (US); WANG WE) 3 October 1996 (1996-10-03) page 79, line 27 -page 83, line 25 ---	1-32
A	WO 97 44485 A (HEXAGEN TECHNOLOGY LIMITED) 27 November 1997 (1997-11-27) page 61; claim 10 page 9, line 7 - line 14 page 10, line 17 - line 26 page 44, line 19 -page 45, line 33 ---	1-32
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Intel...al Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KOCABEK T ET AL: "Identification and mapping of a T-DNA induced flower mutation in <i>Arabidopsis thaliana</i> " <i>BIOLOGIA PLANTARUM (PRAGUE)</i> , vol. 42, no. 3, 1999, pages 349-359, XP002263562 ISSN: 0006-3134 page 349 "Introduction" - page 350 paragraph 1 ---	1-32
A	SPONSEL VALERIE M ET AL: "Characterization of new gibberellin-responsive semidwarf mutants of <i>Arabidopsis</i> " <i>PLANT PHYSIOLOGY (ROCKVILLE)</i> , vol. 115, no. 3, November 1997 (1997-11), pages 1009-1020, XP002263563 ISSN: 0032-0889 abstract	1-32
A	REVENKOVA EKATERINA ET AL: "Involvement of <i>Arabidopsis thaliana</i> ribosomal protein S27 in mRNA degradation triggered by genotoxic stress" <i>EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL</i> , vol. 18, no. 2, 15 January 1999 (1999-01-15), pages 490-499, XP002263564 ISSN: 0261-4189 abstract	1-32
A	FAURE JEAN-DENIS ET AL: "The PASTICCINO genes of <i>Arabidopsis thaliana</i> are involved in the control of cell division and differentiation" <i>DEVELOPMENT (CAMBRIDGE)</i> , vol. 125, no. 5, March 1998 (1998-03), pages 909-918, XP002263565 ISSN: 0950-1991 abstract	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

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